

ABSTRACT OF THE DISCLOSURE

A color solid-state image pickup device includes a plurality of photoelectric conversion areas provided in an array pattern on a surface of a semiconductor substrate. The inside of each of photoelectric conversion areas 10 is two-dimensionally partitioned into a plurality of segments R, G1, G2, and B which output a plurality of photoelectric conversion signals of different spectral sensitivities. As a result, occurrence of a false signal and a false color is suppressed, and high-sensitivity, high-resolution image data having superior color reproducibility can be obtained.